

High performance electrode wire for electric discharge machining and process for preparing same.

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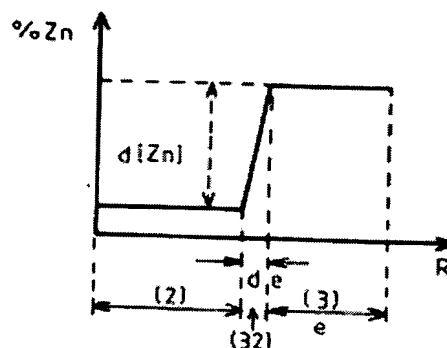
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Abstract of EP0526361

According to this method, a layer of Zn is formed on a copper or copper-alloy wire and this wire is heat treated at a temperature less than the beta prime-beta transition temperature of the binary alloy Cu-Zn until an outer layer (31) consisting of a homogeneous beta prime phase is formed. Then, after having selectively removed the oxides present on the surface of the wire, the wire is drawn at a drawing ratio greater than 100 % in order to obtain an electrode (1) according to the invention. Electrodes for electroerosion having an outer metal layer (3) made of Cu-Zn alloy in the homogeneous beta prime (beta') phase and free of oxide inclusions with a junction (32) of low thickness.

**FIG. 5b**

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